

to be positioned on the downward facing arrow key K17 of the icon image displayed on the display unit 29.

[0146] Further, the element bag portion E18 is arranged so as to be positioned on the key K18 of “etc” of the icon image displayed on the display unit 29. The element bag portion E19 is arranged so as to be positioned on the key K19 of “REW” of the icon image displayed on the display unit 29. The element bag portion E20 is arranged so as to be positioned on the left facing arrow stop key K20 of the icon image displayed on the display unit 29. The element bag portion E21 is arranged so as to be positioned on the right facing arrow stop key K21 of the icon image displayed on the display unit 29. The element bag portion E22 is arranged so as to be positioned on the left facing fast-forward key K22 of the icon image displayed on the display unit 29. The element bag portion E23 is arranged so as to be positioned on the fast-forward key K23 of the icon image displayed on the display unit 29. The element bag portion E24 is arranged so as to be positioned on the reproduction key K24 of the icon image displayed on the display unit 29. The element bag portion E25 is arranged so as to be positioned on the stop key K18 of the icon image displayed on the display unit 29.

[0147] In this embodiment, the film portion 5 constituting the lid portion is provided on an upper portion of the base member 101 having the element bag portions E1 to E25. As the film portion 5, there is used a transparent material having transmissivity and a refractive index which are approximately equal to transmissivity and a refractive index of the base member 101. There is used, for example, a “zeonor” of the film having thickness of around 25  $\mu\text{m}$ . The hardness thereof is around 20° to 40°.

[0148] When the input device 300 is constituted in this manner, the blower 3b comes to send the compressed air to the element bag portions E1 to E25 for every group. Consequently, in the predetermined positions of the base member 101, the element bag portions E1 to E25 allows for presenting the sense of touch for giving the concave and convex feeling by the protuberant shape depending on the swelled-up element bag portions E1 to E25 or by the original shape in a case of no ventilation with respect to the operator’s finger or the like (operation body).

[0149] FIGS. 19A and 19B each shows a configuration of a mobile phone 600 in which the input device 300 is mounted. The mobile phone 600 shown in FIG. 19A constitutes the electronic apparatus. According to the mobile phone 600, on the display unit 29 including the operation surface, there are displayed the icon images such as the key K1 of numeral “1” to key K10 of numeral “0”, the key K11 of symbol “\*”, the key K12 of symbol “#” or the like, the key K13 of determination “O” of the cross key, the left facing arrow key K14 thereof, the upward facing arrow key K15 thereof, the right facing arrow key K16 thereof and the downward facing arrow key K17 thereof, which form a first group. These key icon images of the first group are, for example, displayed on the display unit 29 when application #A is executed.

[0150] In this embodiment, the display region of the key K1 of numeral “1” corresponds to the element bag portion E1 shown in FIG. 18, and similarly, the display region of the key K2 of numeral “2” corresponds to the element bag portion E2 shown in FIG. 18. The display region of the key K3 of numeral “3” corresponds to the element bag portion E3 shown in FIG. 18. The display region of the key K4 of numeral “4” corresponds to the element bag portion E4 shown in FIG. 18. The display region of the key K5 of

numeral “5” corresponds to the element bag portion E5 shown in FIG. 18. The display region of the key K6 of numeral “6” corresponds to the element bag portion E6 shown in FIG. 18. The display region of the key K7 of numeral “7” corresponds to the element bag portion E7 shown in FIG. 18. The display region of the key K8 of numeral “8” corresponds to the element bag portion E8 shown in FIG. 18. The display region of the key K9 of numeral “9” corresponds to the element bag portion E9 shown in FIG. 18. The display region of the key K10 of numeral “0” corresponds to the element bag portion E10 shown in FIG. 18. The respective display regions enable the concave and convex touch feeling to be given to the operator’s finger when the slide operation or the press operation is executed.

[0151] Further, the display region of the key K11 of symbol “\*” corresponds to the element bag portion E11 shown in FIG. 18 and the display region of the key K12 of symbol “#” corresponds to the element bag portion E12. The respective display regions enable the concave and convex touch feeling to be given to the operator’s finger. Similarly, the display region of the key K13 of determination “O” which forms the cross key corresponds to the element bag portion E13, the display region of the left facing arrow key K14 thereof corresponds to the element bag portion E14 and the display region of the upward facing arrow key K15 thereof corresponds to the element bag portion E15. Further, the display region of the right facing arrow key K16 thereof corresponds to the element bag portion E16 and the display region of the downward facing arrow key K17 thereof corresponds to the element bag portion E17. When the slide operation or the press operation is executed, it is constituted such that the respective display regions enable the concave and convex touch feeling to be given to the operator’s finger. The concave and convex touch feeling in such a first group occurs based on a fact in which the air-circulation unit 3 is controlled such that the flow channel changeover unit 3a selects the flow channel 2a to send the air to the base member 101 which is concurrently used as the flow channel panel.

[0152] According to the mobile phone 600 shown in FIG. 19B, on the display unit 29 including the operation surface, there are displayed the icon images of the key K18 of “etc”, the key K19 of “REW”, the left facing arrow stop key K20, the right facing arrow stop key K21, the left facing fast-forward key K22, the fast-forward key K23, the reproduction key K24, the stop key K25, which form a second group, and at the same time, the vide of the reproduction application or the like. These key icon images of the second group, for example, are displayed on the display unit 29 when application #B is executed.

[0153] In this embodiment, the display region of the key K18 of “etc” corresponds to the element bag portion E18 shown in FIG. 18 and similarly, the display region of the key K19 of “REW” corresponds to the element bag portion E19. The display region of the left facing arrow stop key K20 corresponds to the element bag portion E20, the display region of the right facing arrow stop key K21 corresponds to the element bag portion E21 and the display region of the left facing fast-forward key K22 corresponds to the element bag portion E22. Further, the display region of the fast-forward key K23 corresponds to the element bag portion E23, the display region of the reproduction key K24 corresponds to the element bag portion E24 and the display region of the stop key K25 corresponds to the element bag portion E25. When the